

CR-SIG09WB

GSM900 Wideband

Key Features

- Wideband – Support Multi-Operator and Multi-System
- A wide range of products with various output power
- Higher gain up to 75dB, lower requirement for input signals
- High linear PA
- Gain is adjustable, which enables more flexible applications
- LED indicator for convenient observing equipment operation status
- ALC function to stable coverage effect
- Low power consumption, low interference



Specifications

ELECTRICAL

Range	GSM900		
Frequency	UL: 890-915MHz DL: 935-960MHz		
Output Power	DL: 20dBm UL: 15dBm	DL: 24dBm UL: 20dBm	DL: 27dBm UL: 24dBm
Gain	DL: $\geq 70 \pm 3$ dB UL: $\geq 65 \pm 3$ dB	DL: $\geq 70 \pm 3$ dB UL: $\geq 65 \pm 3$ dB	DL: $\geq 75 \pm 2$ dB UL: $\geq 70 \pm 2$ dB
Gain Adjust Range	≥ 30 dB; 1dB/step		
AGC Range	≥ 20 dB		
Noise Figure	≤ 6 dB		
Ripple in Band	≤ 8 dB		
Time Delay	≤ 1.5 μ s		
Intermodulation	9KHz-1GHz	UL ≤ -36 dBm@ 3KHz DL ≤ -20 dBm@ 3KHz	
	1GHz-12.75GHz	UL ≤ -30 dBm@ 3KHz DL ≤ -20 dBm@ 3KHz	
Spurious Emission	9 KHz -1GHz	≤ -36 dBm@ 3KHz	
	1GHz-12.75GHz	≤ -30 dBm@ 3KHz	
VSWR	≤ 2.0		
Port Impedance	50 Ω		

POWER, MECHANICAL & ENVIRONMENTAL

Weight	<2 kg
Dimension	250×125×53 mm
Installation Mode	Wall installation (Normal)
RF Connection	N Female
Power Supply	AC90—240V/DC 9V
Temperature	-10~+50°C
Chassis	IP40 Metal